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Signature

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## Attorney Docket No. 500.41177X00 UTILITY First Inventor PATENT APPLICATION SHIGEMATSU, SATOSHI **TRANSMITTAL** Title MAGNETORESISTIVE EFFECT HEAD AND A METHOD OF PRODUCING THE SAME (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Assistant Commissioner for Patents APPLICATION ELEMENTS Box Patent Application ADDRESS TO: Washington, DC 20231 SEE MPEP chapter 600 concerning utility patent application contents 1. 🛛 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. fif applicable, all necessary) See 37 CFR 1.27. Computer Readable Form (CRF) b. Specification Sequence Listing on: з. 🖂 Specification [Total Pages: 20] i. . D CD-ROM or CD-R (2 copies); or -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, c. Statements verifying identity of above copies or a computer program listing appendix -Background of the Invention ACCOMPANYING APPLICATION PARTS -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description 9. 🛛 Assignment Papers (cover sheet & documents(s)) -Claim(s) -Abstract of the Disclosure 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) [Total Pages: 4] Drawing(s) (35 U.S.C. 113) English Translation Document (if applicable) [Total Pages: 3] 5. Oath or Declaration Copies of IDS Citations Information Disclosure a. . Newly executed (original or copy) Statement (IDS)/PTO-1449 Copy from a prior application (37 CFR 1.63 (d)) Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Application Data Sheet. See 37 CFR 1.76 or its equivalent. Other: Inf. Discl. Sheet Under 37 CFR 1.56(a) w/ refs.; Credit Card Payment Form; Figs. 1-2,3A-D,4-7 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner: . Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label or Correspondence address below (Insert Customer No. or Attach bar code label here) ANTONELLI, TERRY, STOUT & KRAUS, LLP Address Zip State City Code Telephone Fax Country (703) 312-6666 (703) 312-6600 Melvin Kraus Registration No. (Attorney/Agent) Name 22,466

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Date

February 8, 2002

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FEE TRANSMITTAL			Complete if Known						
			Application Number						
for FY 2002			Filing Date			February 8, 2002			
			First Named Inventor			SHIGEMATSU, SATOSHI			
Patent fees are subject to annual revision.			Examiner Name						
			Group Art Unit						
TOTAL AMOUNT OF PAYMENT (\$) 780.00	_	Attorney Docket No. 500.41177X00							
METHOD OF PAYMENT	┖	FEE CALCULATION (continued)							
The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:     Deposit Account Number 01-2135     Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP			rge itity e	NAL I	Small Entity Fee	,			
□ Charge Any Additional Fee Required			)	Code	(\$)	Fee Description Fee Paid			
Under 37 CFR 1.1 6 and 1.17		5 130	0	205	65	Surcharge – late filing fee or oath			
☐ Applicant Claims small entity status. See 37 CFR 1.27	12	7 50	50 227 25 Surcharge – late provisional filing fee or cover sheet						
2. 🛛 Payment Enclosed:	139	9 130	0	139	130	Non-English specification			
☐ Check  ☑ Credit Card  ☐ Money Order  ☐ Other	14	7 2,5	520	147	2,520	For filing a request for ex parte reexamination			
FEE CALCULATION	11:	2 920	0*	112	920°	Requesting publication of SIR prior to Examination action			
2. BASIC FILING FEE Large Entity Small Entity	113	3 1,8	340*	113	1,840	O'Requesting publication of SIR after Examiner action			
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	118	5 110	0	215	55	Extension for reply within first month			
101 740 201 370 Utility filing fee 740.00	116	6 400	0	216	200	Extension for reply within second month			
106 330 206 165 Design filing fee	11	7 920	0	217	460	Extension for reply within third month			
107 510 207 255 Plant filing fee	118	8 1,4	140	218	720	ension for reply within fourth month			
108 740 208 370 Reissue filing fee	128	8 1,9	960	228	980	ension for reply within fifth month			
114 160 214 80 Provisional filing fee	119	9 320	0	219	160	Notice of Appeal			
SUBTOTAL (1) 740.00	120	0 320	0	220	160	Filing a brief in support of an appeal			
30B(OTAL(I)	12	121 280 221 140 Request for oral hearing							
1. EXTRA CLAIM FEES Fee from		8 1,5	510	138	1,510	Petition to institute a public use proceeding			
Extra Claims below Fee Paid	140	0 110	0	240	55	Petition to revive – unavoidable			
Total Claims 6 -20** = 0 x 0.00 = 0.00	14	1 1,2	280	241	640	Petition to revive – unintentional			
Indep. Claims 3-3** = 0 x 0.00 = 0.00	14:	-	280	242	640	Utility issue fee (or reissue)			
Indep. Claims 3-3** = 0 x 0.00 = 0.00	143	3 460	0	243	230	Design issue fee			
Multiple Dependent 0.00 = 0.00	144			244	310	Plant issue fee			
	12	2 13	0	122	130	Petitions to the Commissioner			
Large Entity Small Entity Fee Fee Fee Fee Fee Description	123	3 50		123	50	Processing fee under 37 CFR 1.17(q)			
Code (\$) Code (\$)	126	6 18	0	126	180	Submission of Information Disclosure Stmt			
103 18 203 9 Claims in excess of 20	58	1 40		581	40	Recording each patent assignment per property (times number of properties) 40.00			
102 84 202 42 Independent claims in excess of 3	146	6 740	0	246	370	For each additional invention to be examined (37 CFR § 1.129(a))			
104 280 204 140 Multiple dependent claim, if not paid	149	9 740	0	249	370	For each additional invention to be examined (37 CFR § 1.129(b))			
109 84 209 42 ** Reissue independent claims over original patent	179	9 74	0	279	370	Request for Continued Examination (RCE)			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169			169	900	Request for expedited examination of a design application			
SUBTOTAL (2) \$ 0.00	Ott	Other fee (specify)							
505101AL (2) # 0.00	1	1	, - ,						
**or number previously paid, if greater: For Reissues, see above.	*Re	educed	by B	Basic Fil	ing Fee	Paid SUBTOTAL (3) (\$) 40.00			

SUBMITTED BY		Complete (if applicable)						
Name (Print/Type)	Melyin Kraus	Registration No. (Attorney/Agent) 22,466	Telephone	703-312-6600				
Signature	and ha		Date	02/08/02				

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